

SERVICE MANUAL

**DATSUN PICK-UP
MODEL 620 SERIES
CHASSIS & BODY**



NISSAN MOTOR CO., LTD.
TOKYO, JAPAN

SECTION SE

SERVICE EQUIPMENT

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SERVICE EQUIPMENT

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GENERAL DESCRIPTION

1. Special tool "Grease Seal Drift ST35390000" is newly set up for the 620 model.
2. Special tool "Gear Carrier Stand Assembly ST0732S000" and "Gear Carrier Attachment ST06310000" are used for the purpose of setting gear carrier. This operation can be carried out if either of tools is provided.
3. Two kinds of tools are prepared for adjusting differential pinion height.
"Drive Pinion Height Gauge Assembly ST3110S000" has been provided for special tool "Height Gauge ST31101000" (Former tool number ST31100000).

Notes:

- a. Former tool set, No. ST31100000, was composed of "Height Gauge ST31101000" and "Spacer ST31102000."
- b. For service dealers who have only the special tool sets (Set No. ST31100000) for the 521 models, "Dummy Shaft ST31942000" is necessary.

"Drive Pinion Height Gauge Assembly ST3194S000" is newly set up for new service shop.

4. Special tool "Drive Pinion Rear Bearing Inner Race Replacer ST3003S000" is available to both the transmission and differential.

SPECIAL TOOL SETS (SEE ATTACHED TOOL LIST)

The special tool sets are classified into two major categories:

Set "A"-ST09020000

This tools including in Set "A" are offered for the 620 models without regard to their destination.

The set is available for new and other dealers who must go through initial preparation.

Set "B"-ST09030000

This set is designed for the 620 models without regard to their destination.

The set is prepared for dealers who already have the special tool sets for the 610 or 510 models, but have not for the 521 models.

CLASSIFICATION OF SPECIAL TOOL

	Classification	
	Important	General
I. Inspection and minor repairs	1	4
II. General disassembly and assembly	2	5
III. Special disassembly and assembly	3	3

A. Important

- a. Exclusive with no alternative
- b. Parts likely will be damaged if repaired without special tool.
- c. Gauges

B. General

To facilitate servicing

I. Inspection and minor repairs

- a. Inspection and maintenance
- b. Unit replacement
- c. Minor unit disassembly

II. General disassembly and assembly

General disassembly such as engine, transmission and differential.

III. Special disassembly and assembly

- a. Disassembly of exclusive parts such as automatic transmission and electrical accessories
- b. Special work such as boring and welding
- c. Work very rarely required

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TOOL LIST

No.	Tool Number	Tool Name	Class	Reference
1	Engine			
	ST05260001	Engine attachment	5	
	ST10120000	Cylinder head bolt wrench	2	
	ST10640001	Pivot adjuster	1	
	ST1103S000	Valve guide reamer	3	
	— ST11031000	Reamer [12.2 mm (0.480 in) dia.]		
	— ST11032000	Reamer [8.0 mm (0.315 in) dia.]		
	— ST11033000	Drift		
	ST11650001	Valve seat cutter set	2	
	ST13030001	Piston pin press stand	2	
	ST15310000	Crankshaft rear oil seal drift	2	
	ST1651S000	Crankshaft main bearing cap puller	2	
	— ST16511000	Body		
	— ST16512001	Adapter		
	ST16610001	Pilot bush puller	3	
	ST17420001	Chain stopper	2	
	ST19150000	Anti-dieseling solenoid spanner	4	

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O Included in each set

No.	Tool Number	Tool Name	ST0902	ST0903	Class	Remark
			0000 Set A	0000 Set B		
2	Clutch					
	ST20630000	Clutch aligning bar	O	O	2	
	ST20050010	Base plate	O		4	Former tool No. ST20051000
	ST20050100	Distance piece	O		4	Former tool No. ST20058001
	ST20050240	Diaphragm adjust wrench	O		4	Former tool No. ST20050000
	Transmission					
	ST23540000	Fork rod punch (4 dia.)	O		2	Former tool No. ST23510000
	ST22130000	Synchronizer hub puller	O	O	2	
	ST23100000	Counter shaft guide (17 dia.)	O		2	
	ST23800000	Transmission adapter (31/44 dia.)	O		2	
	ST3003S000	Drive pinion rear bearing inner race replacer				Former tool No. ST30030000 Refer to General Information
	ST30031000	Puller				
	ST30032000	Base				
4	Differential					
	ST0732S000	Gear carrier stand ass'y			5	Refer to General Information
	ST07321000	Stand				
	ST07311000	Attachment				
	ST06310000	Gear carrier attachment			5	Refer to General Information
	ST3306S001	Diff. side bearing puller	O		2	Former tool No. ST3306S000
	ST33061000	Body				
	ST33051001	Adapter				
	ST31530000	Drive pinion flange wrench	O		2	
	ST3003S000	Drive pinion rear bearing inner race replacer	O		2	Former tool No. ST30030000 Refer to General Information
	ST30031000	Puller				
	ST30032000	Base				
	ST33230000	Diff. side bearing drift	O		2	
	ST3110S000	Drive pinion height gauge ass'y			2	Refer to General Information
	ST31101000	Height gauge				Former tool No. ST31100000
	ST31102000	Spacer				
	ST31942000	Dummy shaft				
	ST3194S000	Drive pinion height gauge ass'y	O		2	Refer to General Information
	ST31941000	Height gauge				
	ST31942000	Dummy shaft				

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No.	Tool Number	Tool Name	ST0902 0000		ST0903 0000		Class	Remark
			Set A	Set B	Set A	Set B		
	ST32110001	Side bearing cap gauge	O				5	Former tool No. ST32110000
	ST30611000	Drive pinion outer race drift bar	O				2	
	ST30612000	Drive pinion outer race drift adapter	O				2	
	ST30613000	Drive pinion outer race drift adapter	O				2	
	ST23510000	Fork rod punch	O				2	
5	Front Axle							
	ST35380000	King pin bush drift	O	O			2	
	HT56802000	King pin bush reamer	O	O			2	
	ST36070000	Lower link bush drift	O	O			2	
	ST35390000	Grease seal drift	O	O			2	Newly established
6	Rear Axle							
	ST38020000	Bearing lock nut wrench	O	O			2	
	ST07630000	Rear axle stand	O	O			2	
	ST36230000	Sliding hammer	O				5	
	ST37140000	Bearing puller	O	O			2	
7	Steering							
	ST27140000	Steering gear arm puller	O				2	
	ST27180000	Steering wheel puller	O				2	
	ST27850000	Steering ball joint puller	O				2	
8	Brake							
	GG94310000	Brake pipe torque wrench					2	
	ST08060000	Master-Vac oil seal press-fit tool					3	
	ST08080000	Master-Vac wrench					3	